State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-667
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: S1G3.1V8GFEA Displacement: 3.1 Liters (191 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
Heated Oxygen Sensor
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.15	1.7	0.3
100,000	0.16	2.2	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 9th day of December, 1993.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

E.O. #A-6-667

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS: 1 J C 3 7 (EXAMPLE)

Digit 1 - Selling Division

1 - Chevrolet
2 - Pontiac
3 - Oldsmobile
4 - Buick
6 - Cadillac
8 - Saturn

Digit 2 - Body Designation

A - Cutlass Ciera, Cutlass Cruiser, Century, Century Wagon
B - Caprice, Custom Cruiser, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster, Caprice Wagon
C - Ninety-Eight, Park Avenue
D - Fleetwood, Limousine, Funeral Coach/Hearse
E - Eldorado
F - Camaro, Firebird
G - Riviera, Aurora
H - Bonneville, Eighty-Eight, LeSabre
J - Cavalier, Sunbird, Cavalier Wagon
K - Seville
Ksp - Concours
L - Corsica, Beretta
N - Grand Am, Achieva, Skylark
W - Grand Prix, Regal, Cutlass Supreme, Lumina, Monte Carlo
Y - Corvette
Z - Saturn

Digit 3 - Trim Level

A, B, C, D, etc.

Digits 4 & 5 - Body Style

07 - 2Dr Sport Coupe
08 - 2Dr Hatchback Coupe
19 - 4Dr Sedan
27 - 2Dr (Notchback) Coupe
35 - 4Dr Station Wagon
37 - 2Dr Hardtop Coupe
47 - 2Dr Hardtop Coupe
57 - 2Dr Hardtop Coupe
67 - 2Dr Convertible Coupe
68 - 4Dr Hatchback Sedan
69 - 4Dr (Notchback) Sedan
87 - 2Dr Hatchback Coupe
90 - Commercial Chassis
97 - 2Dr Hardtop Coupe

ISSUED: ML-SP046 REVISED:

17-S1G3.1V8GFEA-1

17-31V8G

(FOR CARB USE ONLY)

E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1	1WW27	A4	3625	16161521, 16196951, 16196991 *1	17091147	25131821, 25130428, 25144396
	1WL69 *2					
	1WN69					
	2WJ37					
	3WH47					
	3WH69		3750			
	4WB57		3625			
	4WB19					
	2WJ19		3750			
	3WT67		4000			
1A				16203341, 16203351 *1		
1C				16208574, 16208624 *1		
1D				16218424, 16218414 *1		
1XD	4WD19					

*1 PCM P/N's 16196991, 16203351, 16208624 and 16218414 are for police vehicle application only.
*2 For Police and Taxi vehicle application ETW is 3750.

CARLINE NAME	CARLINE CODE
CHEVROLET LUMINA	12050
PONTIAC GRAND PRIX	33055
OLDSMOBILE CUTLASS SUPREME	29055
BUICK REGAL	08022

ISSUED: ML-SP046 REVISED: ML-SR006, ML-SR006A, ML-SR018, ML-SR020, ML-SR021, ML-SR031, ML-SR120, ML-SR125, ML-SR147

(FOR CARB USE ONLY)

E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1B	1WW27	A4	3625	16208974	17091147	25131821, 25130428, 25144396
	1WL69					
	1WN69					
	2WJ37					
	3WH47					
	3WH69		3750			
	4WB57		3625			
	4WB19					
	2WJ19		3750			
	3WT67		4000			
2	1WL69	A3	3625	16195421		
	1WN69					
	2WJ19		3750			
2A				16208614		

CARLINE NAME	CARLINE CODE
CHEVROLET LUMINA	12050
PONTIAC GRAND PRIX	33055
OLDSMOBILE CUTLASS SUPREME	29055
BUICK REGAL	08022

ISSUED: ML-SR021 REVISED: ML-SR020A, ML-SR031

17-S1G3.1V8GFEA-2.1

17-31V8G

(FOR CARB USE ONLY)

E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1E	1WW27	A4	3625	16227394/BRNF, 16227384/BRND *2	17091147	25131821, 25130428, 25144396
	1WL69 *1					
	1WN69					
	2WJ37					
	3WH47					
	3WH69		3750			
	4WB57		3625			
	4WB19					
	2WJ19		3750			
	3WT67		4000			
1XE	4WD19					

*1 For Police and Taxi vehicle application ETW is 3750.
*2 PCM P/N 16227384 is for Police vehicle application only.

CARLINE NAME	CARLINE CODE
CHEVROLET LUMINA	12050
PONTIAC GRAND PRIX	33055
OLDSMOBILE CUTLASS SUPREME	29055
BUICK REGAL	08022

ISSUED: ML-SR147 REVISED: ML-SP210

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E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
4	1LD69	A4	3250	16196961, 16189361	17091147	10219956, 25144396
	1LV37					
	1LW37					
	2NE37					
	2NW37		3375			
	3NF37		3250			
	3NL37					
	4NV37					
	4NM37		3375			
	2NE69		3250			
	2NW69		3375			
	3NF69					
	3NL69					
	4NJ69					
	4NM69					
	4NV69					
4A				16195361, 16195381		
4B,4M				16208254, 16208284		
4C,4N				16218384, 16218404		

CARLINE NAME	CARLINE CODE
CHEVROLET CORSICA	12010
CHEVROLET BERETTA	12020
PONTIAC GRAND AM	33025
OLDSMOBILE ACHIEVA	29010
BUICK SKYLARK	08055

ISSUED: ML-SP046 REVISED: ML-SR006, ML-SR006A, ML-SR018, ML-SR021, ML-SR031, ML-SR063, ML-SR087, ML-SR120

17-S1G3.1V8GFEA-3

17-31V8G

(FOR CARB USE ONLY)

E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
10	3AJ69 3AH69 4AG69 3AJ35 4AG35	A4	3375 3625	16198724, 16198734	17091147	25143598, 25144396
10A				16208634		
10B, 10M				16217114		

CARLINE NAME	CARLINE CODE
OLDSMOBILE CUTLASS CIERRA	29015
OLDSMOBILE CUTLASS CRUISER	29020
BUICK CENTURY	08020
BUICK CENTURY WAGON	08025

ISSUED: ML-SR021 REVISED: ML-SR031, ML-SR101, ML-SR103

17-S1G3.1V8GFEA-3.1

17-31V8G

(FOR CARB USE ONLY)

E.O. #A-6-667

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.1V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.1 (191) EVAP FAMILY: S1G1058AYM0A

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI, EGR, TWC, HO2S

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
4D,4P	1LD69	A4	3250	16227354/BRNA, 16227374/BRNC	17091147	10219956, 25144396
	1LV37					
	1LW37					
	2NE37					
	2NW37		3375			
	3NF37		3250			
	3NL37					
	4NV37					
	4NM37		3375			
	2NE69		3250			
	2NW69		3375			
	3NF69					
	3NL69					
	4NJ69					
	4NM69					
	4NV69					

CARLINE NAME	CARLINE CODE
CHEVROLET CORSICA	12010
CHEVROLET BERETTA	12020
PONTIAC GRAND AM	33025
OLDSMOBILE ACHIEVA	29010
BUICK SKYLARK	08055

ISSUED: ML-SR147 REVISED:

17-S1G3.1V8GFEA-3.2

(1995)

(A-6-667)

CHEVROLET LIGHT DUTY VEHICLE MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
1BL19	CAPRICE CLASSIC SEDAN	CAPRICE	12040
1BB90	COACHBUILDER WAGON	COACHBUILDER WAGON	55010
1BL35	CAPRICE CLASSIC STATION WAGON	CAPRICE WAGON	12045
1FP87	CAMARO COUPE	CAMARO	12025
1FP67	CAMARO CONVERTIBLE		12025
1JC37	CAVALIER LS COUPE	CAVALIER	12060
1JC69	CAVALIER LS SEDAN		12060
1JF37	CAVALIER Z24 COUPE		12060
1JC67	CAVALIER LS CONVERTIBLE		12060
1JF67	CAVALIER Z24 CONVERTIBLE		12060
1LT69	CORSICA SEDAN	CORSICA	12010
1LV37	BERETTA COUPE	BERETTA	12020
1LW37	BERETTA Z26 COUPE		12020
1WL69	LUMINA SEDAN	LUMINA/MONTE CARLO	12050
1WN69	LUMINA LS SEDAN		12050
1WW27	MONTE CARLO LS COUPE		12050
1WX27	MONTE CARLO Z34 COUPE		12050
1YY07	CORVETTE HATCHBACK COUPE	CORVETTE	12055
1YZ07	CORVETTE ZR1 HATCHBACK COUPE		12055
1YY67	CORVETTE CONVERTIBLE		12055

(A-6-667)

PONTIAC MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
2FP87	FIREBIRD	FIREBIRD/FORMULA	33020
2FS87	FIREBIRD COUPE		33020
2FV87	FIREBIRD FORMULA		33020
2FS67	FIREBIRD CONVERTIBLE		33020
2FV67	FIREBIRD FORMULA CONVERTIBLE		33020
2HX69	BONNEVILLE SE SEDAN	BONNEVILLE	33045
2HZ69	BONNEVILLE SSE SEDAN		33045
2JB37	SUNFIRE SE COUPE	SUNFIRE	33060
2JB69	SUNFIRE SE SEDAN		33060
2JD37	SUNFIRE GT COUPE		33060
2JB67	SUNFIRE SE CONVERTIBLE		33060
2NE37	GRAND AM SE COUPE	GRAND AM	33025
2NE69	GRAND AM SE SEDAN		33025
2NW37	GRAND AM GT COUPE		33025
2NW69	GRAND AM GT SEDAN		33025
2WJ19	GRAND PRIX SE SEDAN	GRAND PRIX	33055
2WJ37	GRAND PRIX SE COUPE		33055

(A-6-667)

OLDSMOBILE MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
3AJ69	CUTLASS CIERA SL SEDAN	CUTLASS CIERA	29015
3AJ35	CUTLASS CRUISER SL STATION WAGON	CUTLASS CRUISER	29020
3CX69	NINETY EIGHT REGENCY SEDAN	NINETY EIGHT	29035
3GR29	AURORA	AURORA	29045
3HN69	EIGHTY EIGHT ROYALE SEDAN	EIGHTY EIGHT	29025
3HY69	EIGHTY EIGHT LS SEDAN		29025
3NF37	ACHIEVA SC COUPE	ACHIEVA	29010
3NF69	ACHIEVA SL SEDAN		29010
3NL37	ACHIEVA S COUPE		29010
3NL69	ACHIEVA S SEDAN		29010
3WH47	CUTLASS SUPREME S COUPE	CUTLASS SUPREME	29055
3WH69	CUTLASS SUPREME S SEDAN		29055
3WT67	CUTLASS SUPREME CONVERTIBLE		29055

(A-6-667)

BUICK MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
4AG69	CENTURY SPECIAL SEDAN	CENTURY	08020
4AH69	CENTURY CUSTOM SEDAN		08020
4AG35	CENTURY SPECIAL WAGON	CENTURY WAGON	08025
4AH35	CENTURY CUSTOM WAGON		08025
4BN69	ROADMASTER SEDAN	ROADMASTER	08060
4BB90	COACHBUILDER WAGON	COACHBUILDER WAGON	78010
4BB90+B9Q	COACHBUILDER HEARSE		78010
4BR35	ROADMASTER ESTATE WAGON	ROADMASTER WAGON	08035
4CU69	PARK AVENUE ULTRA SEDAN	PARK AVENUE	08040
4CW69	PARK AVENUE SEDAN		08040
4GD07	RIVIERA	RIVIERA	08045
4HP69	LESABRE CUSTOM SEDAN	LESABRE	08030
4HR69	LESABRE LIMITED SEDAN		08030
4NJ37	SKYLARK LIMITED COUPE	SKYLARK	08055
4NJ69	SKYLARK LIMITED SEDAN		08055
4NM37	SKYLARK GRAN SPORT COUPE		08055
4NM69	SKYLARK GRAN SPORT SEDAN		08055
4WB19	REGAL CUSTOM SEDAN	REGAL	08022
4WB57	REGAL CUSTOM COUPE		08022
4WD19	REGAL LIMITED SEDAN		08022
4WD57	REGAL LIMITED COUPE		08022
4WF19	REGAL GRAN SPORT SEDAN		08022
4WF57	REGAL GRAN SPORT COUPE		08022